

WHAT IS CLAIMED IS:

1. In the process for working up a polymer component prepared by emulsion polymerization, the improvement comprising coagulating the aqueous polymer latex formed after polymerization in the presence of
 - A) an aqueous solution of at least one salt selected from the group consisting of sodium chloride, calcium chloride, magnesium chloride, aluminum chloride, sodium sulfate, magnesium sulfate and aluminum sulfate,
 - B) an aqueous solution of at least one salt of an acid selected from the group consisting of hypophosphorous acid (H_3PO_2), phosphorous acid (H_3PO_3 or HPO_2) and ascorbic acid and optionally
 - C) an aqueous dilute acid selected from the group consisting of sulfuric acid, phosphoric acid and acetic acid.
2. The process of Claim 1 wherein A) is an aqueous solution of magnesium sulfate.
3. The process of Claim 1 wherein B) is an aqueous solution of sodium hypophosphite.
4. The process of Claim 1 wherein C) is an aqueous dilute solution of acetic acid.
5. The process of Claim 1 wherein A) is an aqueous solution of magnesium sulfate and B) is an aqueous solution of sodium hypophosphite.
6. The process of Claim 5 wherein C) is an aqueous dilute acetic acid.

7. The process of Claim 1 wherein A) is present in an amount of 0.1 to 5 % relative to the weight of the latex solids.

5 8. The process of Claim 1 wherein B) is present in an amount of 0.01 to 2 % relative to the weight of the latex solids.

9. The process of Claim 1 wherein C) is present in an amount of 0 to 5 % relative to the weight of the latex solids.

10 10. Polymer components prepared by the process of Claim 1.

11. A thermoplastic molding composition comprising at least one thermoplastic resin that is not a product of emulsion polymerization and the polymer component of Claim 10.

15 12. The thermoplastic molding composition of Claim 11 wherein the thermoplastic resin is a grafted rubber wherein grafted phase contains at least one thermoplastic vinyl resin that is a product of solution polymerization.

20 13. The thermoplastic molding composition of Claim 11 wherein the thermoplastic resin is a product of polycondensation.